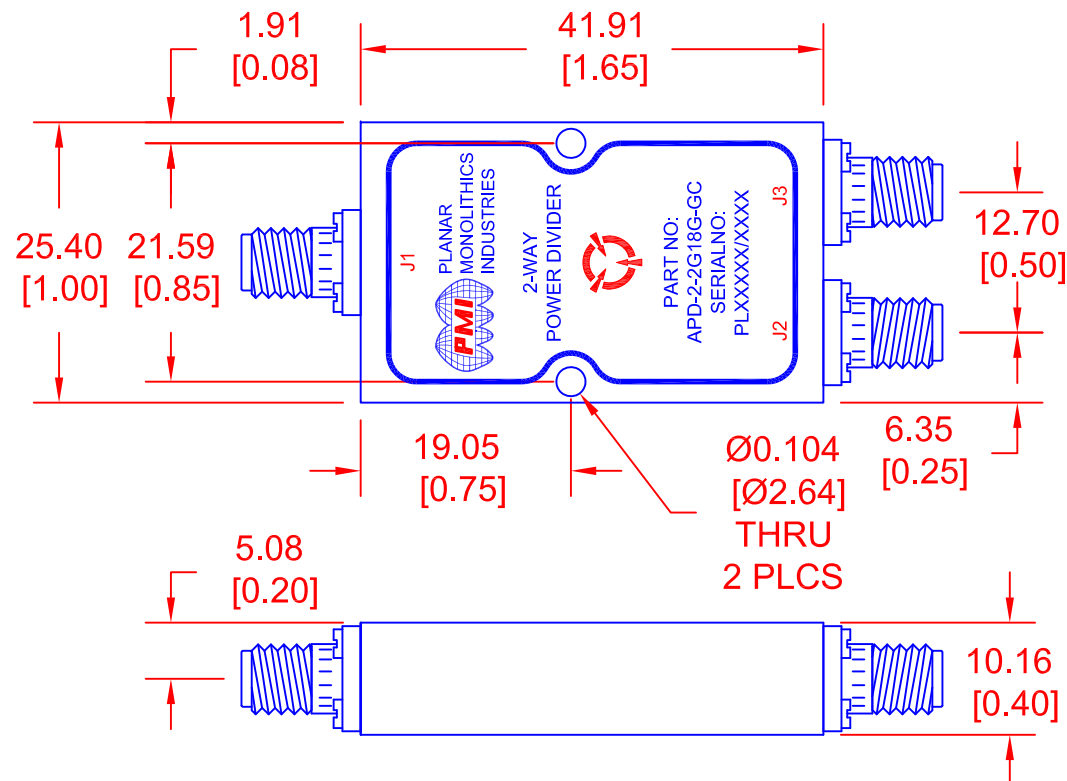


PMI MODEL: APD-2-2G18G-GC IS A 2-WAY POWER DIVIDER OPERATING OVER THE 2.0 TO 18.0 GHz FREQUENCY RANGE. THIS UNIT OFFERS A MINIMUM ISOLATION OF 20 dB, A MAXIMUM INSERTION LOSS OF 1 dB, AND AN AMPLITUDE BALANCE OF ± 0.3 dB MAXIMUM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	04/26/16	

- FREQUENCY RANGE: ----- 2.0 TO 18.0 GHz
- ISOLATION: ----- 20 dB MINIMUM
- VSWR (INPUT): ----- 1.30:1 MAXIMUM @ 2.0 TO 8.0 GHz
1.40:1 MAXIMUM @ 8.0 TO 18.0 GHz
- VSWR (OUTPUT): ----- 1.25:1 MAXIMUM @ 2.0 TO 8.0 GHz
1.40:1 MAXIMUM @ 8.0 TO 18.0 GHz
- INSERTION LOSS: ----- 0.5 dB MAXIMUM @ 2.0 TO 8.0 GHz
1.2 dB MAXIMUM @ 8.0 TO 18.0 GHz
- AMPLITUDE BALANCE: ----- ± 0.2 dB MAXIMUM @ 2.0 TO 8.0 GHz
 ± 0.3 dB MAXIMUM @ 8.0 TO 18.0 GHz
- PHASE BALANCE: ----- 5° MAXIMUM
- POWER HANDLING: ----- 30 W MAXIMUM FORWARD
- IMPEDANCE: ----- 50 Ω
- CONNECTORS: ----- SMA FEMALE
- WEIGHT: ----- 1.4 Ounces
- SIZE: ----- 41.91 mm x 25.40 mm x 10.16 mm
1.65" x 1.00" x 0.40"
- FINISH: ----- BLUE EPOXY POLIMIDE COATING IAW
MIL-C-22750, TYPE I OVER EPOXY
POLIMIDE PRIMER IAW MIL-P-23377,
TYPE I, CLASS 1 OR 3.



- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
- HUMIDITY: ----- UP TO 90% NON-CONDENSING

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS
ARE IN mm [INCH]
TOLERANCES:
X.XX = ± 0.508 [0.020]
X.XXX = ± 0.254 [0.010]

PMI CONFIDENTIAL AND PROPRIETARY



		TITLE		PRODUCT FEATURE APD-2-2G18G-GC		
APPROVALS	DATE					
DRAWN <i>M. Berry</i>	<i>04/20/16</i>					
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -	
ISSUED		SCALE N:S		SHEET 1 OF 1		